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71	(Analysis Of variance)	18
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73	Stepwise Multiple Regression "	20
74	"	21
75	Stepwise Multiple Regression "	22
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80	"Stepwise Multiple Regression"	26
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82	Stepwise Multiple Regression "	28
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قائمة الملاحق

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Abstract

The Impact of the Implementation of Total Quality Management (TQM) upon the Organizational Excellence at Jordanian Customs

Masood H. Al- Amareen

Mu'tah University , 2007

The study aimed at introducing the impact of Total Quality Management (Top Management Commitment, Top Management Acquiescence, Customer focus, Development & Training Employees, Continuous Improvement) on Organizational excellence (Leadership Excellence, Organizational Structure Excellence, Employees Excellence, Organizational Culture Excellence ,Strategy Excellence.) at Jordanian Customs. The study population consists of (2373) employees. A questionnaire was developed and distributed to the study sample which consist of (418) respondents. This number represents (20%) of the study population. Descriptive and inferior statistical analyses using (SPSS) was utilized. This study concluded the following :

1. The respondents perception of the Implementation of total quality management and its dimensions was high, where as the respondents perceptions of the to the organizational excellence was also high .
2. There was a statistically significant effect for the Implementation of total quality management on organizational excellence.
3. There was a statistically significant difference in the respondents perceptions towards the total quality management and organizational excellence attributed to the personal variables (social status, age, gender, experience, marital statue and scientific qualification).

This study has recommended the following:

Through planned efforts, The Management of Jordanian Customs should enhance the dimensions of total quality management in order to create and build an organizational excellence.

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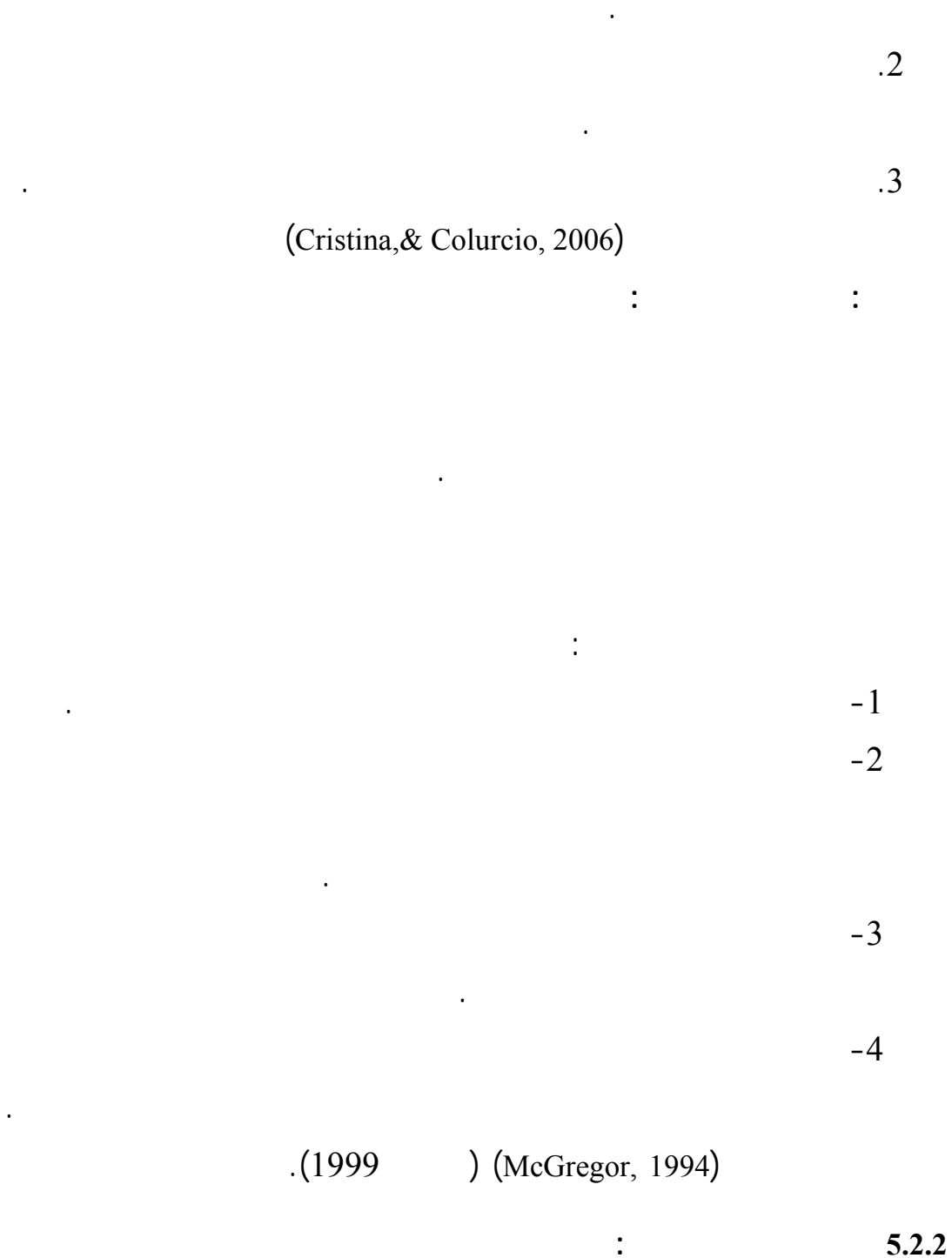
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%76.5	320		1
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%50.4	211		
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%23.4	98		
%67.2	281		
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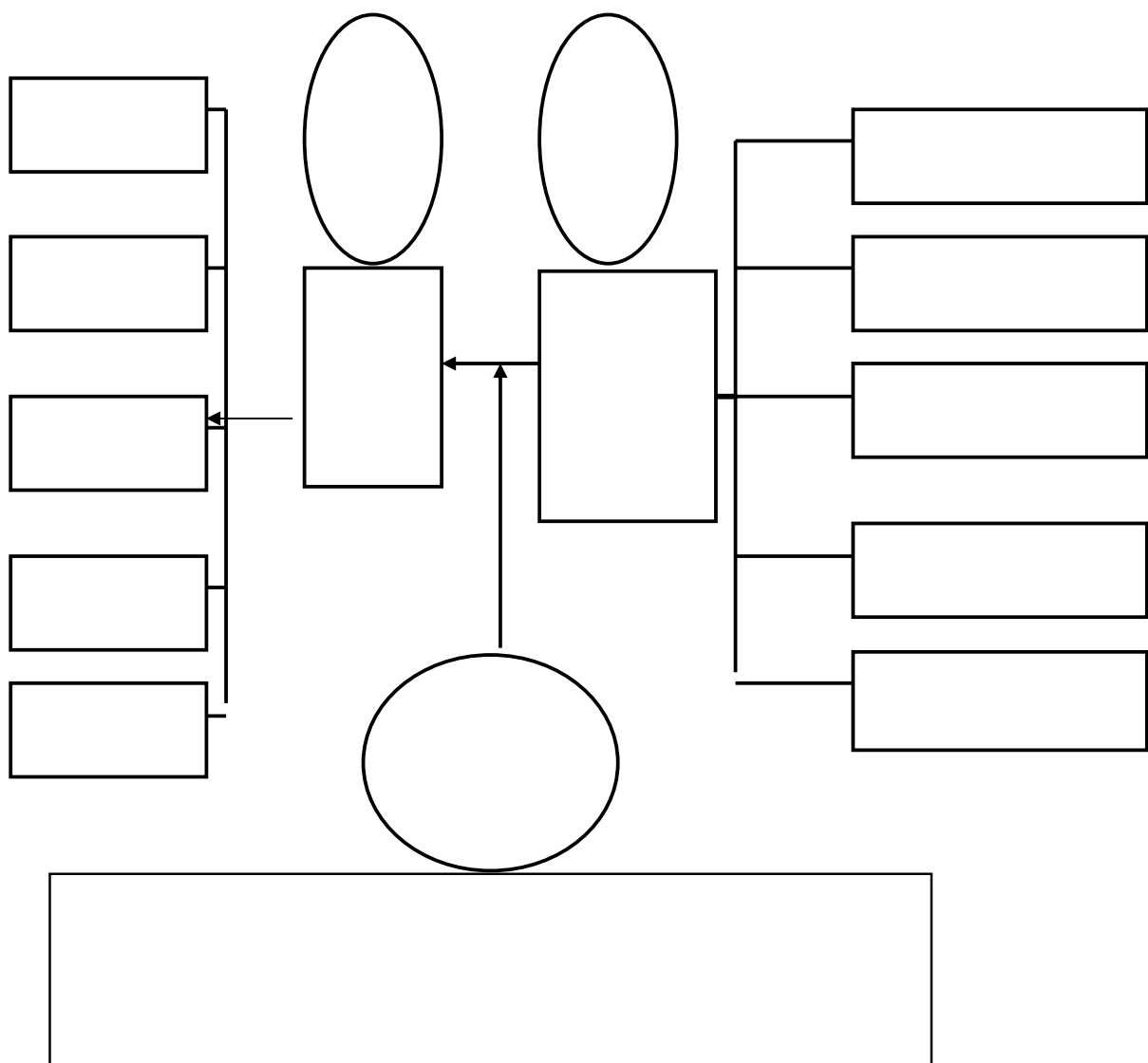
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5-1	3.8	0.52	1
10-6	3.6	0.58	3
14-11	3.7	0.61	2
19-15	3.5	0.63	4
23-20	3.5	0.65	5
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1	0.93	3.9	.1
4	1.01	3.7	.2
3	0.95	3.8	.3
2	0.94	3.9	.4
5	0.91	3.6	.5
-	0.52	3.8	5-1

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2	0.86	3.6	.	.6
4	0.86	3.5		.7
3	1.12	3.6		.8
1	0.88	3.8		.9
5	0.99	3.5		.10
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1	0.97	3.9	.11
2	1.02	3.8	.12
3	0.94	3.5	.13
4	0.95	3.5	.14
-	0.61	3.7	14-11

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2	0.94	3.6	.15
1	0.93	3.6	.16
3	0.98	3.5	.17
5	1.04	3.5	.18
4	0.96	3.5	.19
-	0.63	3.5	19-15

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1	0.92	3.6	.20
4	0.99	3.5	.21
2	1.01	3.6	.22
3	1.03	3.5	.23
-	0.65	3.5	19-15

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28-24	3.6	0.55	4
33-29	3.6	0.57	3
37-34	3.6	0.61	2
42-38	3.5	0.59	5
46-43	3.6	0.57	1
46-24	3.6	0.51	-

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2	0.97	3.6	.24
1	1.00	3.6	.25
4	0.94	3.5	.26
5	1.03	3.5	.27
3	0.90	3.6	.28
-	0.55	3.6	28-24

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5	0.98	3.5	.29
1	1.01	3.7	.30
4	0.99	3.5	.31
3	1.02	3.6	.32
2	1.00	3.6	.33
-	0.57	3.6	33-29

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1	0.90	3.7	.34
4	0.99	3.5	.35
2	0.97	3.6	.36
3	0.96	3.5	.37
-	0.61	3.6	37-34

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3	0.99	3.5	.38
5	0.96	3.5	.39
2	0.95	3.6	.40
1	0.97	3.6	.41
4	1.01	3.5	.42
-	0.59	3.5	42-38

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4	0.98	3.6	.43
1	0.91	3.7	.44
3	0.96	3.6	.45
2	0.93	3.6	.46
-	0.57	3.6	46-34

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Variance " "Multicollinearity "

" Tolerance " " Inflation Factor- VIF

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(0.05) (10) (VIF)

"Multicollinearity"

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"Tolerance " (VIF)

(2.789-5.102) (10) (VIF)

(0.05)

(0.395 – 0.287)

(17)

Tolerance	(VIF)	Skewness
0.395	3.119	0.211
0.374	3.491	0.209
0.287	5.102	0.129
0.381	2.789	0.347
0.326	3.891	0.259

Normal Distribution

(Skewness)

(18)

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(18)
(Analysis Of variance)

			F		
R ²			F		
0.569	284.287	56.857	<i>*233.082</i>	<i>0.000</i>	
	99.039	0.244			
0.521	249.048	49.810	<i>*150.603</i>	<i>0.000</i>	
	134.278	0.331			
0.351	163.769	32.754	<i>*60.568</i>	<i>0.000</i>	
	219.557	0.541			
0.431	215.923	43.185	<i>*104.735</i>	<i>0.000</i>	
	167.403	0.412			
0.473	236.656	47.331	<i>*131.019</i>	<i>0.000</i>	
	146.670	0.361			
0.362	202.903	40.581	<i>*91.318</i>	<i>0.000</i>	
	180.422	0.444			
$\alpha=0.05$			*		

(18)

(0.01 $\geq \alpha$)

(F)

(%56.9)

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(%52.1)

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) ($\alpha \leq 0.05$)

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 (19)

	t	Beta	B	
t				
0.000	*5.861	0.271	0.050	0.234
0.000	*8.893	0.380	0.045	0.356
0.001	*3.460	0.172	0.044	0.149
0.000	*4.527	0.206	0.047	0.169
0.000	*4.103	0.233	0.046	0.173
$\alpha = 0.05$ *				

(19)

) (t)

(4.527 3.460 8.893 5.861) (t)
 ($\alpha = 0.01$) (4.103

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 Stepwise Multiple Regression
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 (%45.1)
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"Stepwise Multiple Regression "

	R ²	t	*t
	0.451	*8.871	0.000
	0.527	*5.821	0.000
	0.548	*4.984	0.000
	0.556	*4.024	0.000
	0.569	*3.730	0.000

a =0.05

*

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($\alpha \leq 0.05$)

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(21)

	t	Beta	B	
t				
0.000	*4.132	0.205	0.042	0.210
0.000	*8.325	0.368	0.049	0.339
0.033	*2.143	0.119	0.051	0.101
0.006	*2.756	0.131	0.052	0.135
0.000	*3.986	0.186	0.045	0.180

$\alpha =0.05$

*

(21)

) : (t)

(t)

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(3.986 2.756 8.325 4.132)

.($\alpha=0.05$)

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: ($\alpha=0.05$)

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Stepwise Multiple Regression

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(%43.2)

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(%52.1)

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"Stepwise Multiple Regression "

	R ²	t	*t
	0.432	*8.325	0.000
	0.493	*4.132	0.000
	0.516	*3.986	0.000
	0.521	*2.756	0.012
	$\alpha = 0.05$		*

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<0.05)

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.				
	t	Beta	B	
t				
0.000	*4.691	0.259	0.059	0.279
0.015	*2.450	0.147	0.058	0.143
0.172	**1.367	0.098	0.061	0.084
0.000	*5.293	0.311	0.060	0.323
0.014	*2.471	0.156	0.063	0.156
a =0.05				*
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(2.471 2.450) (t)

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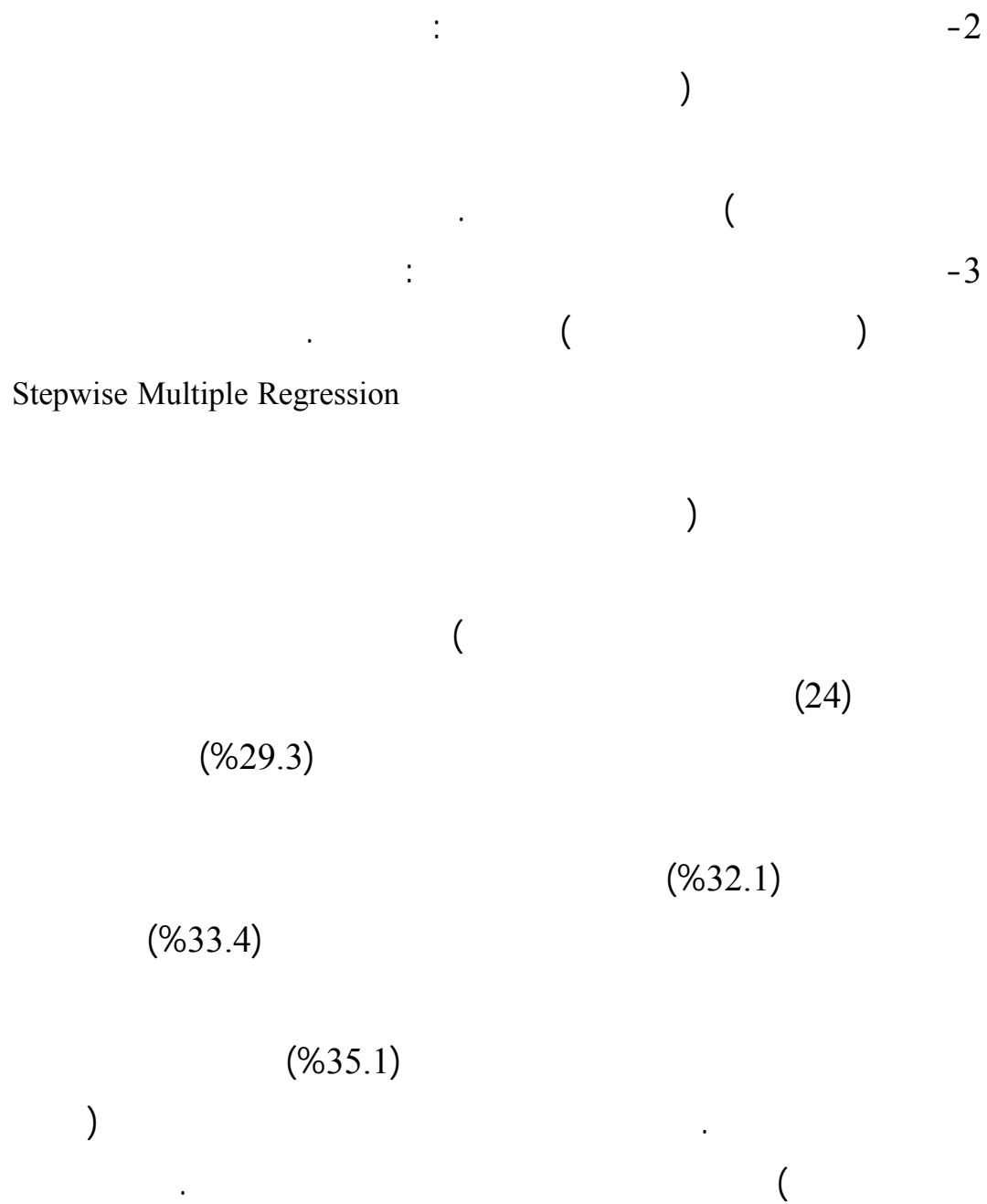
($\alpha =0.05$)

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(24)

"Stepwise Multiple Regression "

	R ²	t	t	*
	0.293	*5.481		0.000
	0.321	*4.540		0.000
	0.334	*2.930		0.004
	0.351	*2.518		0.012
$\alpha = 0.05$				*
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≤ 0.05)		:		
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(25)

	t	Beta	B	
t				
0.000	*3.743	0.254	0.062	0.233
0.000	*6.550	0.341	0.060	0.396
0.000	*4.274	0.236	0.061	0.256
0.000	*3.852	0.209	0.056	0.214
0.005	*2.808	0.158	0.059	0.167
$\alpha = 0.05$				*

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4.274 6.550 3.743)

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($\alpha = 0.01$)

(2.808 3.852

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Stepwise Multiple Regression

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(%34.6)

(%38.5)

(%40.1)

(%42.4)

(%43.1)

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(26)

"Stepwise Multiple Regression"

	R ²	t	*t
	0.346	*6.550	0.000
	0.385	*4.274	0.000
	0.401	*3.852	0.000
	0.424	*3.743	0.000
	0.431	*2.808	0.003
	$\alpha =0.05$		•

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$\alpha = 0.05$

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Stepwise Multiple Regression

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(28)

(%35.2)

(%39.2)

(%42.1)

(%45.9)

(%41.8)

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(28)

"Stepwise Multiple Regression "

R ²	t	*t
0.352	*5.604	0.000
0.392	*3.695	0.000
0.421	3.556	0.000
0.459	*3.656	0.000
0.473	3.459	0.001
$\alpha = 0.05$		*

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($\alpha \leq 0.05$)

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(29)

	t	Beta	B	
t				
0.000	*3.631	0.251	0.063	0.229
0.003	*3.030	0.168	0.065	0.170
0.116	**1.575	0.095	0.065	0.102
0.000	*4.762	0.268	0.063	0.229
0.000	*6.852	0.363	0.061	0.418
$\alpha = 0.05$				*
				**

(29)

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4.762 3.030 3.631) (t)
($\alpha = 0.01$) (6.852
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Stepwise Multiple Regression

$$(\%26.3)$$

(%32.1)

(%34.5)

(%36.2)

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(30)

"Stepwise Multiple Regression "

	R ²	t	*t
	0.263	*6.852	0.000
	0.321	*4.762	0.000
	0.345	*3.631	0.000
	0.362	*3.030	0.000

$\alpha = 0.05$

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($\alpha \leq 0.05$)

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(31)

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(F)					
(414 3)	21.98 796.80	7.33 1.93	*3.81	0.01	
(414 3)	107.94 710.84	35.98 1.72	*20.96	0.000	
(413 4)	38.24 780.54	9.56 1.89	*5.06	0.001	
(414 3)	9.05 809.73	3.02 1.96	1.54	0.20	

$\alpha = 0.01$

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	50	49-40	39-30	29	
*0.61	-	-	-	3.4	29
-	-	-	-	3.8	39-30
-	-	-	-	3.8	49-40
-	-	-	-	4.0	50
α =0.05					*

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(32)

($\alpha = 0.01$)

(F=5.06)

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($\alpha = 0.05$)

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(2.8) (

(33)

21	20-16	15-11	10-6	5		
*1.21	*0.97	-	-	-	2.8	5
-	-	-	-	-	3.5	10-6
-	-	-	-	-	3.6	15-11
-	-	-	-	-	3.8	20-16
-	-	-	-	-	4.0	21
$\alpha = 0.05$						*

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(31)

(F=20.96)

:($\alpha =0.05$)

($\alpha =0.001$)

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*1.26	*0.94	-	-	2.9
*0.81	-	-	-	3.4
-	-	-	-	3.9
-	-	-	-	4.2
$\alpha = 0.05$				*

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(31)

($\alpha = 0.20$)

(F=1.54)

($\alpha = 0.05$)

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	3.7	0.63	*3.80	0.000
	3.3	0.75		
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	$\alpha =0.05$			•
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(t)				
3.2	0.71	*4.06	0.000	
3.8	0.49			
$\alpha = 0.05$				*

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($\alpha \leq 0.05$)

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(F)					
(414 3)	71.56 847.66	23.85 2.05	*11.65	0.000	
(414 3)	72.05 847.16	24.02 2.05	*11.74	0.000	
(413 4)	65.70 853.52	16.42 2.07	*7.95	0.000	
(414 3)	6.78 912.44	2.26 2.20	1.03	0.38	
$\alpha = 0.05$					*

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($\alpha=0.010$)

($F=3.81$)

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($\alpha =0.05$)

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(3.2) (49-40)

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(38)

50	49-40	39-30	29		
*0.97	-	-	-	3.0	29
*0.83	-	-	-	3.1	39-30
*0.72	-	-	-	3.2	49-40
-	-	-	-	3.9	50
$\alpha = 0.05$					*

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(38)

($\alpha = 0.001$)

(F=7.95)

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($\alpha = 0.05$)

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$$\begin{aligned}
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 & 5) \quad \quad \quad (4.2) (20-16) \\
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 & \quad \quad \quad \mathbf{(39)}
 \end{aligned}$$

21	20-16	15-11	10-6	5		
*1.10	*0.98	-	-	-	3.2	5
-	-	-	-	-	3.5	10-6
-	-	-	-	-	3.8	15-11
-	-	-	-	-	4.2	20-16
-	-	-	-	-	4.3	21

$\alpha = 0.05$

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(37)

(F=11.74)

: ($\alpha = 0.05$)

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*1.23	*0.63	-	-	2.9
*0.74	-	-	-	3.4
*0.60	-	-	-	3.6
-	-	-	-	4.2

$\alpha = 0.05$ *

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($\alpha = 0.38$)

($F = 1.03$)

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($\alpha = 0.05$)

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$\alpha = 0.05$

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	3.3	0.67	*4.79	0.000
	4.0	0.51		
$\alpha = 0.05$				•

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Cronbach Alpha

($\alpha=0.92$)

Equation

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(Soliman and Alzaid ,2002)

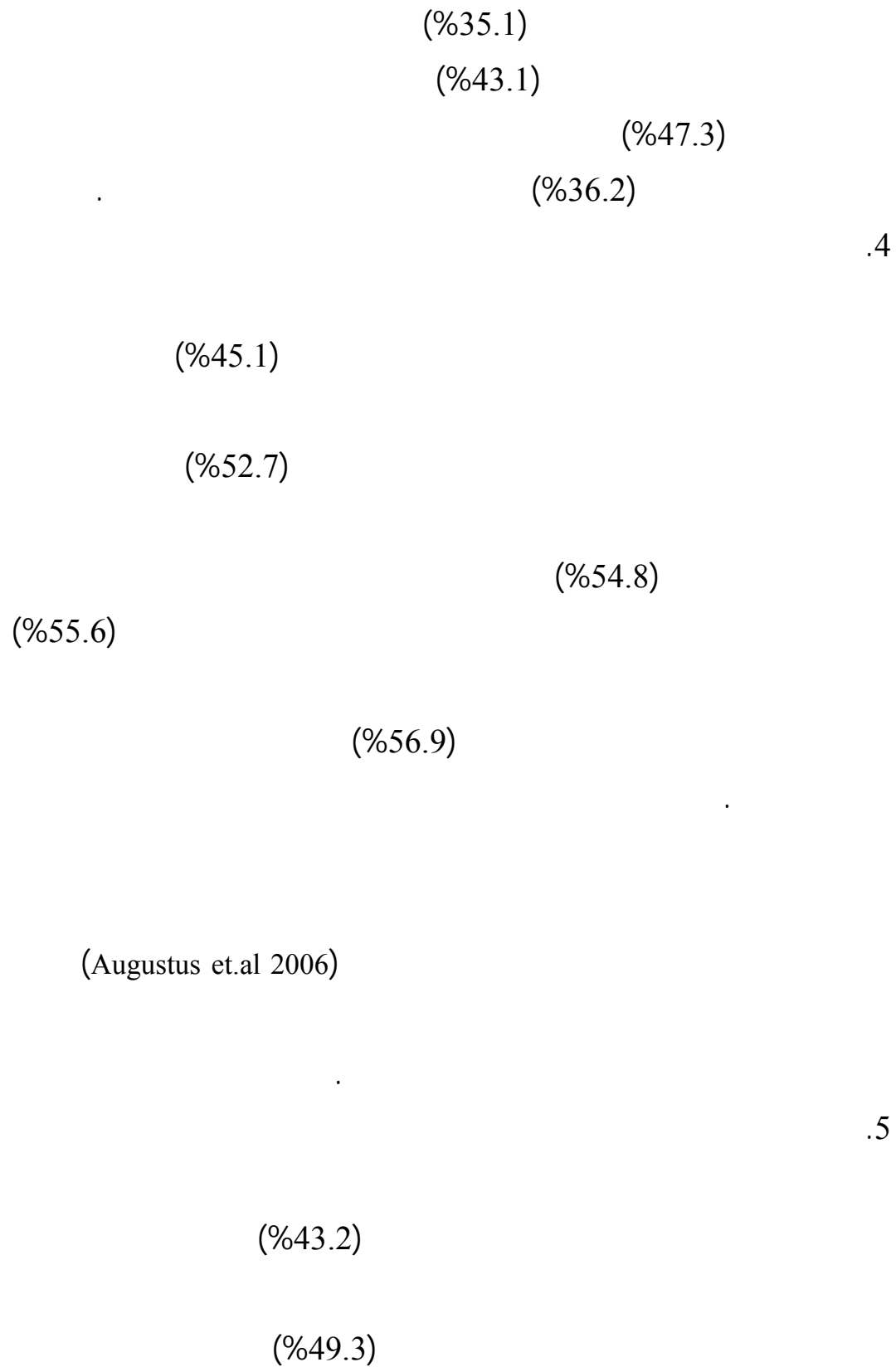
(Khoo & Tan 2002)

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(Samuel,et.al: 1995)

(Kathiravan, et.al 2006)

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(Al-Khalifa, & Aspinwall2001).

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42	48	48		- 7
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